

Serial No. 09/434,985
Third Preliminary Amendment

1 - - ²²26. The power processing device according to claim ¹⁸22, further
2 including:

- 3 a) a base plate having an active element thereon; and,
4 b) a lead communicating between the active element on said base plate
5 and said first set of electrically conductive windings. - -

1 - - ²³27. The power processing device according to claim ²²26, wherein said
2 electrically conductive trace in communication with said lead is totally
3 contained between two adjoining layers of said dielectric sheets. - -
4

1 - - ²⁴28. A power processing device comprising:
2 a) a multilayer printed circuit board having multiple layers of
3 dielectric sheets;
4 b) a magnetic element having,
5 1) a core extending through said layers of dielectric sheets, and,
6 2) a set of electrically conductive windings, at least one of
7 said windings of said set of electrically conductive windings
8 contained between two adjoining layers of said dielectric sheets;
9 c) at least one electrically conductive trace, each electrically
10 conductive trace communicating with one of said set of electrically conductive
11 windings and totally contained between two adjoining layers of said dielectric
12 sheets. - -

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1 - - ²³~~20~~. The power processing device according to claim ²⁴~~28~~, further
2 including an active element secured to said multilayered printed circuit board
3 and connected to the set of electrically conductive windings. - -

1 - - ²⁶~~30~~. The power processing device according to claim ²⁵~~29~~, further
2 including:

3 a) a heat sink connected to one face of said multilayered printed
4 circuit board opposing said active element; and,

5 b) a thermal via thermally connecting said active element and the heat
sink. - -

1 - - ²⁷~~31~~. The power processing device according to claim ²⁴~~28~~, further
2 including:

3 a) a base plate having an active element thereon; and,

4 b) a lead communicating between the active element on said base plate
5 and said set of electrically conductive windings. - -

1 - - ²⁸~~32~~. The power processing device according to claim ²⁷~~31~~, wherein said
2 electrically conductive trace in communication with said lead is totally
3 contained between two adjoining layers of said dielectric sheets. - -

REMARKS

By this third preliminary amendment, claims 24-32 have been added. No new matter is involved as the original specification, drawings, and claims fully support these claims.